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Filed : December 27, 2001

AMENDMENTS TO THE SPECIFICATION

Please amend the specification as follows:

Please replace the paragraph beginning at page 9, line 34, with the following rewritten paragraph:

In a still further aspect, the invention provides a polypeptide produced by (i) hybridizing a test DNA molecule under stringent conditions with (a) a DNA molecule encoding a PRO1800 polypeptide having the sequence of amino acid residues from about 1 or about 16 to about 278, inclusive of ~~Figure 2 (SEQ ID NO: 3)~~ Figure 2 (SEQ ID NO:2), or (b) the complement of the DNA molecule of (a), and if the test DNA molecule has at least about an 80% sequence identity, preferably at least about an 85% sequence identity, more preferably at least about a 90% sequence identity, most preferably at least about a 95% sequence identity to (a) or (b), (ii) culturing a host cell comprising the test DNA molecule under conditions suitable for expression of the polypeptide, and (iii) recovering the polypeptide from the cell culture.

Please replace the entire section entitled "BRIEF DESCRIPTION OF THE DRAWINGS" beginning on page 35, line 15, with the following rewritten section:

BRIEF DESCRIPTION OF THE DRAWINGS

Figure 1 shows a nucleotide sequence (SEQ ID NO:1) of a native sequence PRO1800 cDNA, wherein SEQ ID NO:1 is a clone designated herein as "DNA35672-2508".

Figure 2 shows the amino acid sequence (SEQ ID NO:2) derived from the coding sequence of SEQ ID NO:1 shown in Figure 1.

Figure 3 shows a nucleotide sequence (SEQ ID NO:6) of a native sequence PRO539 cDNA, wherein SEQ ID NO:6 is a clone designated herein as "DNA47465-1561".

Figure 4 shows the amino acid sequence (SEQ ID NO:7) derived from the coding sequence of SEQ ID NO:6 shown in Figure 3.

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Figure 5 shows a nucleotide sequence (SEQ ID NO:8) of a native sequence PRO982 cDNA, wherein SEQ ID NO:8 is a clone designated herein as "DNA57700-1408".

Figure 6 shows the amino acid sequence (SEQ ID NO:9) derived from the coding sequence of SEQ ID NO:8 shown in Figure 5.

Figure 7 shows a nucleotide sequence (~~SEQ ID NO:12~~SEQ ID NO:10) of a native sequence PRO1434 cDNA, wherein ~~SEQ ID NO:12~~SEQ ID NO:10 is a clone designated herein as "DNA68818-2536".

Figure 8 shows the amino acid sequence (~~SEQ ID NO:13~~SEQ ID NO:11) derived from the coding sequence of ~~SEQ ID NO:12~~SEQ ID NO:10 shown in Figure 7.

Figure 9 shows a nucleotide sequence (~~SEQ ID NO:17~~SEQ ID NO:15) of a native sequence PRO1863 cDNA, wherein ~~SEQ ID NO:17~~SEQ ID NO:15 is a clone designated herein as "DNA59847-2510".

Figure 10 shows the amino acid sequence (~~SEQ ID NO:18~~SEQ ID NO:16) derived from the coding sequence of ~~SEQ ID NO:17~~SEQ ID NO:15 shown in Figure 9.

Figure 11 shows a nucleotide sequence (~~SEQ ID NO:19~~SEQ ID NO:17) of a native sequence PRO1917 cDNA, wherein ~~SEQ ID NO:19~~SEQ ID NO:17 is a clone designated herein as "DNA76400-2528".

Figure 12 shows the amino acid sequence (~~SEQ ID NO:20~~SEQ ID NO:18) derived from the coding sequence of ~~SEQ ID NO:19~~SEQ ID NO:17 shown in Figure 11.

Figure 13 shows a nucleotide sequence (~~SEQ ID NO:21~~SEQ ID NO:19) of a native sequence PRO1868 cDNA, wherein ~~SEQ ID NO:21~~SEQ ID NO:19 is a clone designated herein as "DNA77624-2515".

Figure 14 shows the amino acid sequence (~~SEQ ID NO:22~~SEQ ID NO:20) derived from the coding sequence of ~~SEQ ID NO:21~~SEQ ID NO:19 shown in Figure 13.

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Figure 15 shows a nucleotide sequence (~~SEQ ID NO:23~~SEQ ID NO:21) of a native sequence PRO3434 cDNA, wherein ~~SEQ ID NO:23~~SEQ ID NO:21 is a clone designated herein as "DNA77631-2537".

Figure 16 shows the amino acid sequence (~~SEQ ID NO:24~~SEQ ID NO:22) derived from the coding sequence of ~~SEQ ID NO:23~~SEQ ID NO:21 shown in Figure 15.

Figure 17 shows a nucleotide sequence (~~SEQ ID NO:25~~SEQ ID NO:23) of a native sequence PRO1927 cDNA, wherein ~~SEQ ID NO:25~~SEQ ID NO:23 is a clone designated herein as "DNA82307-2531".

Figure 18 shows the amino acid sequence (~~SEQ ID NO:26~~SEQ ID NO:24) derived from the coding sequence of ~~SEQ ID NO:25~~SEQ ID NO:23 shown in Figure 17.

Please replace the paragraph beginning at page 70, line 37, with the following rewritten paragraph:

Using the WU-BLAST2 sequence alignment computer program, it has been found that a portion of the full-length native sequence PRO1434 (shown in ~~Figure 10 and SEQ ID NO:13~~Figure 8 and SEQ ID NO:11) has certain amino acid sequence identity with the mouse nel protein precursor (NEL_MOUSE). Accordingly, it is presently believed that PRO1434 disclosed in the present application is a newly identified nel homolog and may possess activity typical of the nel protein family.

Please replace the paragraph beginning at page 71, line 11, with the following rewritten paragraph:

Using WU-BLAST2 sequence alignment computer programs, it has been found that amino acids 41 to 487 of PRO1917 (shown in ~~Figure 14 and SEQ ID NO:20~~Figure 12 and SEQ ID NO:18) has certain amino acid sequence identity with an inositol phosphatase designated in the Dayhoff database as "AF012714_1". Accordingly, it is presently believed that PRO1917 disclosed in

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the present application is a newly identified member of inositol phosphatase family and may possess enzymatic activity typical of inositol phosphatases.

Please replace the paragraph beginning at page 71, line 18, with the following rewritten paragraph:

Using the WU-BLAST2 sequence alignment computer program, it has been found that a portion of the full-length native sequence PRO1868 (shown in ~~Figure 16 and SEQ ID NO:28~~ Figure 14 and SEQ ID NO:20) has certain amino acid sequence identity with the human A33 antigen protein (P_W14146). Accordingly, it is presently believed that PRO1868 disclosed in the present application is a newly identified A33 antigen homolog which may possess activity and/or expression patterns typical of the A33 antigen protein. The PRO1868 polypeptide may find use in the therapeutic treatment of inflammatory diseases as described above and colorectal cancer.

Please replace the paragraph beginning at page 71, line 32, with the following rewritten paragraph:

Using WU-BLAST2 sequence alignment computer programs, it has been found that a full-length native sequence PRO1927 (~~Figure 20; SEQ ID NO:26~~ Figure 18; SEQ ID NO:24) has certain amino acid sequence identity with the amino acid sequence of the protein designated "AB000628_1" in the Dayhoff database. Accordingly, it is presently believed that PRO1927 disclosed in the present application is a newly identified member of the glycosyltransferase family of proteins and may possess glycosylation activity.

Please replace the paragraph beginning at page 112, line 6, with the following rewritten paragraph:

The starting material for the screen was genomic DNA isolated from a variety cancers. The DNA is quantitated precisely, e.g., fluorometrically. As a negative control, DNA was isolated from the cells of ten normal healthy individuals which was pooled and used as assay controls for the gene copy in

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healthy individuals (not shown). The 5' nuclease assay (for example, TaqMan™) and real-time quantitative PCR (for example, ABI Prizm 7700 Sequence Detection System™ (Perkin Elmer, Applied Biosystems Division, Foster City, CA)), were used to find genes potentially amplified in certain cancers. The results were used to determine whether the DNA encoding PRO1800, PRO539, PRO3434 or PRO1927 is over-represented in any of the primary lung or colon cancers or cancer cell lines or breast cancer cell lines that were screened. The primary lung cancers were obtained from individuals with tumors of the type and stage as indicated in ~~Table 6~~Table 7. An explanation of the abbreviations used for the designation of the primary tumors listed in ~~Table 6~~Table 7 and the primary tumors and cell lines referred to throughout this example are given below.

Please replace the paragraph beginning at page 113, line 30, with the following rewritten paragraph:

~~Table 6~~Table 7 describes the stage, T stage and N stage of various primary tumors which were used to screen the PRO1800, PRO539, PRO3434 and PRO1927 compounds of the invention.

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Please replace the table beginning at page 114, line 0, with the following rewritten table:

Table 6
Primary Lung and Colon Tumor Profiles

Primary Tumor Stage

	<u>Stage</u>	<u>Other Stage</u>	<u>Dukes Stage</u>	<u>T Stage</u>	<u>N Stage</u>
Human lung tumor AdenoCa (SRCC724) [LT1]	IIA			T1	N1
Human lung tumor SqCCa (SRCC725) [LT1a]	IIB			T3	N0
Human lung tumor AdenoCa (SRCC726) [LT2]	IB			T2	N0
Human lung tumor AdenoCa (SRCC727) [LT3]	IIIA			T1	N2
Human lung tumor AdenoCa (SRCC728) [LT4]	IB			T2	N0
Human lung tumor SqCCa (SRCC729) [LT6]	IB			T2	N0
Human lung tumor Aden/SqCCa (SRCC730) [LT7]	IA			T1	N0
Human lung tumor AdenoCa (SRCC731) [LT9]	IB			T2	N0
Human lung tumor SqCCa (SRCC732) [LT10]	IIB			T2	N1
Human lung tumor SqCCa (SRCC733) [LT11]	IIA			T1	N1
Human lung tumor AdenoCa (SRCC734) [LT12]	IV			T2	N0
Human lung tumor AdenoSqCCa (SRCC735) [LT13]	IB			T2	N0
Human lung tumor SqCCa (SRCC736) [LT15]	IB			T2	N0
Human lung tumor SqCCa (SRCC737) [LT16]	IB			T2	N0
Human lung tumor SqCCa (SRCC738) [LT17]	IIB			T2	N1
Human lung tumor SqCCa (SRCC739) [LT18]	IB			T2	N0
Human lung tumor SqCCa (SRCC740) [LT19]	IB			T2	N0
Human lung tumor LCCa (SRCC741) [LT21]	IIB			T3	N1
Human lung AdenoCa (SRCC811) [LT22]	IA			T1	N0
Human colon AdenoCa (SRCC742) [CT2]	M1	D	pT4	N0	
Human colon AdenoCa (SRCC743) [CT3]		B	pT3	N0	
Human colon AdenoCa (SRCC744) [CT8]		B	T3	N0	
Human colon AdenoCa (SRCC745) [CT10]		A	pT2	N0	
Human colon AdenoCa (SRCC746) [CT12]	MO, R1	B	T3	N0	
Human colon AdenoCa (SRCC747) [CT14]	pMO, RO	B	pT3	pN0	
Human colon AdenoCa (SRCC748) [CT15]	M1, R2	D	T4	N2	
Human colon AdenoCa (SRCC749) [CT16]	pMO	B	pT3	pN0	
Human colon AdenoCa (SRCC750) [CT17]		C1	pT3	pN1	
Human colon AdenoCa (SRCC751) [CT1]	MO, R1	B	pT3	N0	
Human colon AdenoCa (SRCC752) [CT4]		B	pT3	M0	
Human colon AdenoCa (SRCC753) [CT5]	G2	C1	pT3	pN0	
Human colon AdenoCa (SRCC754) [CT6]	pMO, RO	B	pT3	pN0	
Human colon AdenoCa (SRCC755) [CT7]	G1	A	pT2	pN0	
Human colon AdenoCa (SRCC756) [CT9]	G3	D	pT4	pN2	
Human colon AdenoCa (SRCC757) [CT11]		B	T3	N0	
Human colon AdenoCa (SRCC758) [CT18]	MO, RO	B	pT3	pN0	

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Please replace the paragraph beginning at page 116, line 35, with the following rewritten paragraph:

The PRO1800, PRO539, PRO3434 and PRO1927 compounds of the invention were screened in the following primary tumors and the resulting ΔC_t values greater than or equal to 1.0 are reported in ~~Table 7~~Table 8 below.

Please replace the table beginning at page 117, line 0, with the following rewritten table:

~~Table 7~~Table 8 (ΔC_t values in lung and colon primary tumor models)

Primary Tumor	<u>PRO1800</u>	<u>PRO539</u>	<u>PRO3434</u>	<u>PRO1927</u>
LT11	1.65, 1.59, 1.03			
LT12	1.34, 2.28, 2.03	1.25		
LT13	1.27, 2.18	1.64, 1.08	5.24, 4.47	4.38, 4.80
LT15	1.70, 2.23, 1.93	1.78, 1.10	1.24	1.00
LT16	1.00, 1.05, 1.09		3.65, 3.19	2.73, 2.74
LT17	1.94, 1.63	1.94, 1.01		
LT18	1.12			
LT19	2.51, 2.18	1.16		
LT21	1.30	1.32		
CT2	1.50			
CT3		1.17		
CT10		1.16		
CT12		1.19		
CT14	1.62			
CT15	1.48, 1.08	1.03	1.19, 1.40	1.10, 1.30
CT5	1.10			
CT11	1.20	1.12		
Colo-320 (colon tumor cell line)	1.16		1.78, 1.76, 1.74	1.51
HF-00084 (lung tumor cell line)			2.20	2.41
HCT-116 (colon tumor cell line)			2.15, 2.22	1.41, 1.47
HF-00129 (lung tumor cell line)			1.00, 1.17, 4.64 1.11	2.31, 5.14 2.40
SW-620 (colon tumor cell line)			1.30	
HT-29 (colon tumor cell line)			1.64	
SW-403 (colon tumor cell line)			1.75	
LS174T (colon tumor cell line)			1.42	
HCC-2998 (colon tumor cell line)			1.15	
A549			1.51, 1.09	

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(lung tumor cell line)	
Calu-6	1.60, 1.22
(lung tumor cell line)	
H157	1.61
(lung tumor cell line)	
H441	1.07, 1.15
(lung tumor cell line)	
H460	1.01
(lung tumor cell line)	
SKMES1	1.02
(lung tumor cell line)	
H810	1.20, 1.54
(lung tumor cell line)	